

Tom Lindsay

COMMENTS ON CLOSURE STRATEGY DRAFT REPORT 4/13/95

1. Page 1, paragraph 3, PAM will be modified to address upgradient groundwater intrusion and migration into the source area by isolation and containment which will ultimately retard the volume of leachate generated.

2. Page 1, paragraph 3, This modified accelerated action, consists of building a slurry wall on the north side of the landfill where the existing groundwater intercept system has failed, and is more consistent with the final remedy than the seep collection and treatment action. The evidence and causes of failure are the following: 1. Groundwater reports have shown insignificant heads which straddle the system 2. Modeling has shown 60% of the total groundwater migration into the source is from the north side 3. The intercept system was never extended in depth to the weathered bedrock which allowed migration underneath the system 4. The minimum slope which could allow sediment buildup and blockage within the pipe drain.

3. Page 11, paragraph 1, Need to revise this sentence because it sounds awkward, "The depth to groundwater is anomalously high in the middle of the landfill (projected to be between 20 and 33 feet) because groundwater has migrated under or through the groundwater intercept system in this area."

4. Page 11, sections 2.1.3 and 2.1.4 state the closure and post closure objectives or strategies, however, you may want to rephrase them to ensure they cover the following:

Closure Objectives - A. Provide long term minimization of migration of liquids through the cap B. Function with minimum maintenance C. Promote drainage and minimize erosion or abrasion of the cover D. Accomodate settling and subsidence E. Have a permeability less than or equal to the permeability of the natural subsoils.

Postclosure Objectives - A. Maintain the integrity and effectiveness of the cover (settling, subsidence, erosion, etc.) B. Maintain and monitor the groundwater monitoring system C. Prevent runoff and runoff from eroding or damaging the cover D. Protect and maintain surveyed benchmarks E. Maintain and monitor the soil gas passive system

ADMIN RECCRD

BZ-A-000465

REVIEW COMMENT SHEET

Time Spent on Review: _____ hrs.

If questions on content, please call the SME:

Return to: FAX _____ Name _____ Ext. _____ Location _____ Name _____ Ext. _____ Title _____
 Tom Lindsay X6985 Ext. _____

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Please review the attached procedure: _____				Proposed Closure Strategy for OU7, Draft Report, April 13, 1995	
Comment Due Date: _____				Title _____	
<input type="checkbox"/> Internal Review General (G) comments require resolution but do <u>not</u> require resolution acceptance. Mandatory (M) comments require resolution and resolution acceptance. 1-A03-PPG-004 provides complete definitions of General and Mandatory comments.		<input type="checkbox"/> Parallel Review Verification <input type="checkbox"/> Validation <input type="checkbox"/> Revalidation			
TYPE G or M	PAGE OR LINE #	COMMENT		DISPOSITION	Disposition Accepted INIT/DATE
	11	para. 1 Need to revise this sentence because it sounds awkward. "The depth to groundwater is anomalously high in the middle of the landfill (projected to be between 20 and 33 feet) because groundwater has migrated under or through the groundwater intercept system in this area."			
	11	2.1.3 & 2.1.4 This section states the closure and post closure objectives or strategies, however, you may want to rephrase them to ensure they cover the following: Closure Objectives - A. Provide long term minimization of migration of liquids through the cap. B. Function with minimum maintenance. C. Promote drainage and minimize erosion or abrasion of the cover. D. Accommodate settling and subsidence. E. Have a permeability less than or equal to the permeability of the natural subsoils. Postclosure Objectives - A. Maintain the integrity and effectiveness of the cover (settling, subsidence, erosion, etc.). B. Maintain and monitor the groundwater monitoring system. C. Prevent runoff and runoff from eroding or damaging the cover. D. Protect and maintain surveyed benchmarks. E. Maintain and monitor the soil gas passive system.			
POC/Reviewer: (Comments not signed by POC/Reviewer will be considered unofficial and not subject to resolution) <input type="checkbox"/> No Comments <input type="checkbox"/> This procedure revision has no impact or relevance to our discipline or organization and we waive need to concur.				Resolutions Accepted _____ Initials _____ Date _____	
TomLindsay X6985 Ext./Pager/Fax _____		Name _____ EG&G, OU7 Closures/Stiger Bldg./Dept./AGM _____		Signature _____ Date _____	

NOTE: These reviews are completed by qualified reviewers in accordance with 1-A03-PPG-004 in concert with 1-A01-PPG-001 and 1-A02-PPG-003.

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